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On 6-16-03

TOWNSEND and TOWNSEND and CREW LLP

Attorney Docket No.: 18781-007320 Client Reference No.: T00-024-2/US

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Zhaodan Cao, et al.

Application:No:: 10/290,088

Filed: November 6, 2002

For: IRAK-M KNOCKOUT MICE

Examiner: Christopher J. Nichols

Art Unit: 1647

INFORMATION DISCLOSURE

STATEMENT UNDER 37 CFR §1.97 and

§1.98

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

The references cited on attached form PTO/SB/08A and PTO/SB/08B are being called to the attention of the Examiner. Copies of the references are enclosed. It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

Also enclosed is a copy of the Search/Examination report corresponding to the PCT application.

As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no

Helen H. Hobbs, et al. Application No.: 09/989,981

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representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

Applicants believe that <u>no fee is required</u> for submission of this statement. However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,

Hugenia Garrett-Wackowsk Reg. No. 37,330

TOWNSEND and TOWNSEND and CREW LLP Two Embarcadero Center, 8th Floor San Francisco, California 94111-3834

Tel: 925-472-5000 Fax: 925-472-8895

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PTO/SB/08A (10-01)_

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 4

	Complete if Known	
Application Number	09/989,981	RECE
Filing Date	November 20, 2001	
First Named Inventor	Helen H. Hobbs, et. al.	JUN 9/0
Art Unit	1647	- · · · · · · · · · · · · · · · · · · ·
Examiner Name	Christopher J. Nichols	ECHA
Attorney Docket Number	18781-007320	LUTI CENTED 4

	U.S. PATENT DOCUMENTS						
		Document Number					
Examiner	Cite No.¹	Number Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
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	FOREIGN PATENT DOCUMENTS							
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Examiner Initials*	Cite No.1	Country Code ³	Number ⁴ Kind (Code ⁵ (if known)	Publication Date MM-DD-YYYY	Applicant of Cited Document	Passages or Relevant Figures Appear	T ⁶
	1	PC	WO 01/15676	A2	03/08/2001			
	2	PC	WO 01/40541	A1	06/07/2001			
	3	PC	WO 02/27016	A2	04/04/2002			
	<u> </u>							

Examiner Signature	 Date Considered	

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¹ Applicant's unique citation designation number (optional). ² Kind Codes of U.S. Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Application Number 09/989,981 **Filing Date** November 20, 2001 **First Named Inventor** Helen H. Hobbs, 🤼 1647 Art Unit Christopher J. Nichols **Examiner Name**

(use as many sheets as necessary)

18781-007320 Attorney Docket Number Sheet

	OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS					
Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²			
	4	BEATY et al., Am. J. Hum. Genet., 38:492-504 (1986)				
	5	BERGE et al., Science, 290:1771-1775 (2000)				
	6	BHATTACHARYYA et al., J. Clin. Invest., 53:1033-1043 (1974)				
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	8	EWART et al., J. Biol. Chem., 269:10370-7 (1994)				
	9	GOULD et al., Metabolism, 18(8):652-662 (1969)				
	10	GREGG et al., J. Clin. Invest., 77:1864-1872 (1986)				
	11	HIGGINS, Annu. Rev. Cell Biol., 8:67-113 (1992)				
	12	HOBBS et al., Hum. Mutat., 1:445-466 (1992)				
	13	IKEDA et al., Biochem. Biophys. Res. Commun., 273:1063-1068 (2000)				
	14	JANOWSKI et al., Nature, 383:728-731 (1996)				
	15	JANOWSKI et al., Proc. Natl. Acad. Sci. USA, 96:266-271 (1999)				
	16	JONES et al., Biochem., 33:3038-3049 (1994)				
	17	KLUCKEN et al., Proc. Natl. Acad. Sci. USA, 97(2):817-822 (2000)	<u> </u>			

Examiner	Date	
Signature	Considered	J

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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	Complete if Known	
Application Number	09/989,981	/~
Filing Date	09/989,981 November 20, 2001	クン
First Named Inventor	I Holon H Hobbs of/67 • • 14	_
Art Unit	1647 2003	
Examiner Name	Christopher J. Nichols	
Attorney Docket Number	18781-007320	

		OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *					
	18	KWITEROVICH, JR., et al., Lancet, 1:466-469 (1981)			
	19	LAWN et al., J. Clin. Invest., 104(8):25-31 (1999)			
	20	LE SAUX et al., Nat. Genet., 25:223-227 (2000)			
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	31	SALEN et al., J. Lipid Res., 26:1126-1133 (1985)			

Examiner	Date]
Signature	Considered]

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Application Number 09/989,981

Filing Date November 20, 2001 JUN 2

First Named Inventor Helen H. Hobbs, et. al.

Art Unit 1647 FCH CENTE

Examiner Name Christopher J. Nichols

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Sheet 4 of 4 Attorney Docket Number 18781-007320

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	32	SALEN et al., J. Lipid Res., 26:203-209 (1985)				
	33	SALEN et al., J. Lipid Res., 33:945-955 (1992)				
-	34	STELL et al., Top. Clin. Nutr., 5(2):63-66 (1990)				
	35	SULLIVAN et al., J. Exp. Zool., 188:225-234 (1974)				
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	37	WALKER et al. Embo. J., 1(8):945-951 (1982)				

Examiner		Date	
Signature		Considered	

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